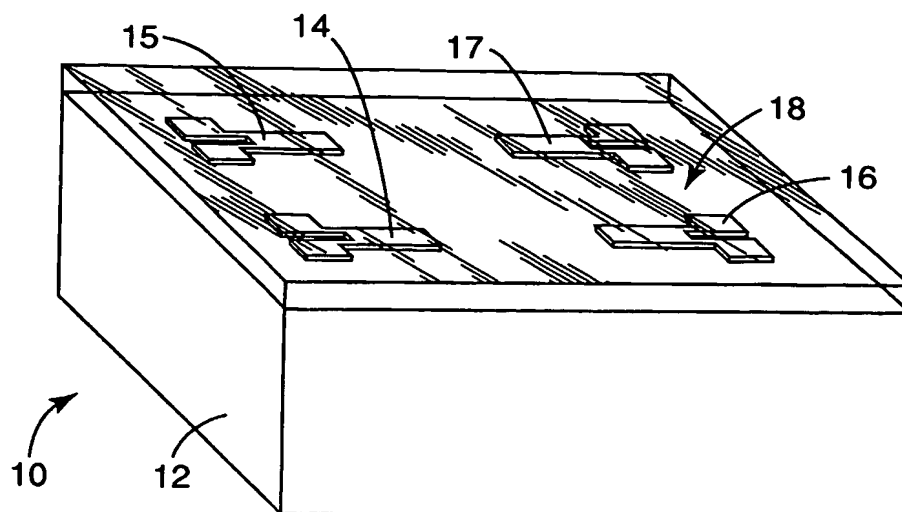
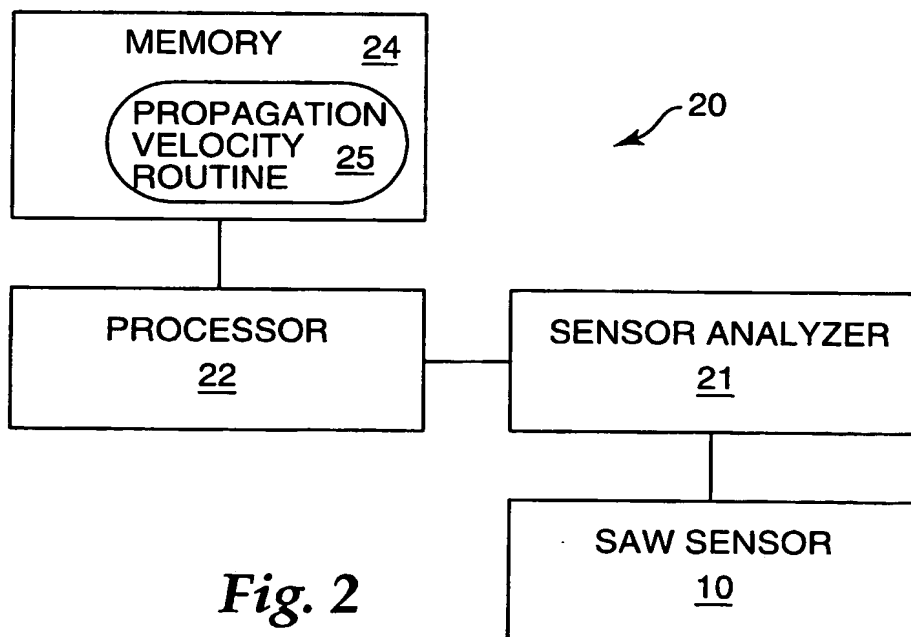
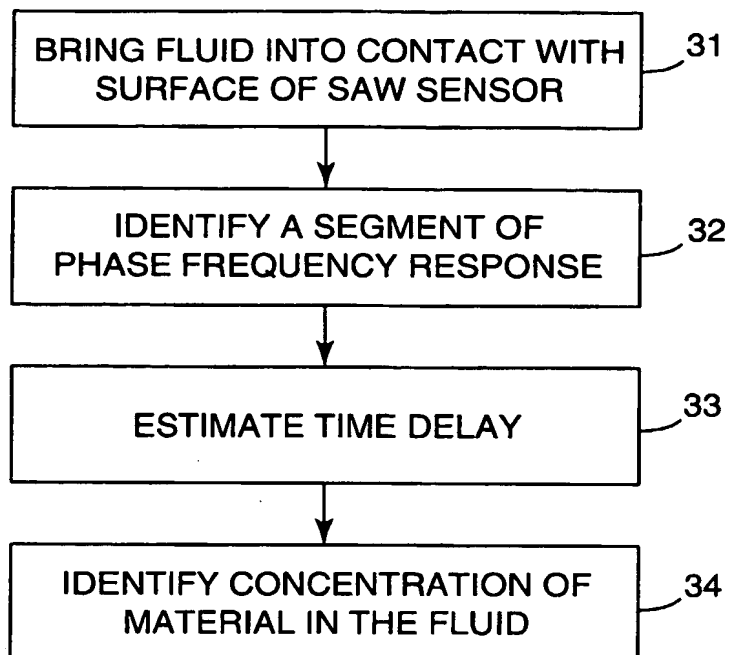


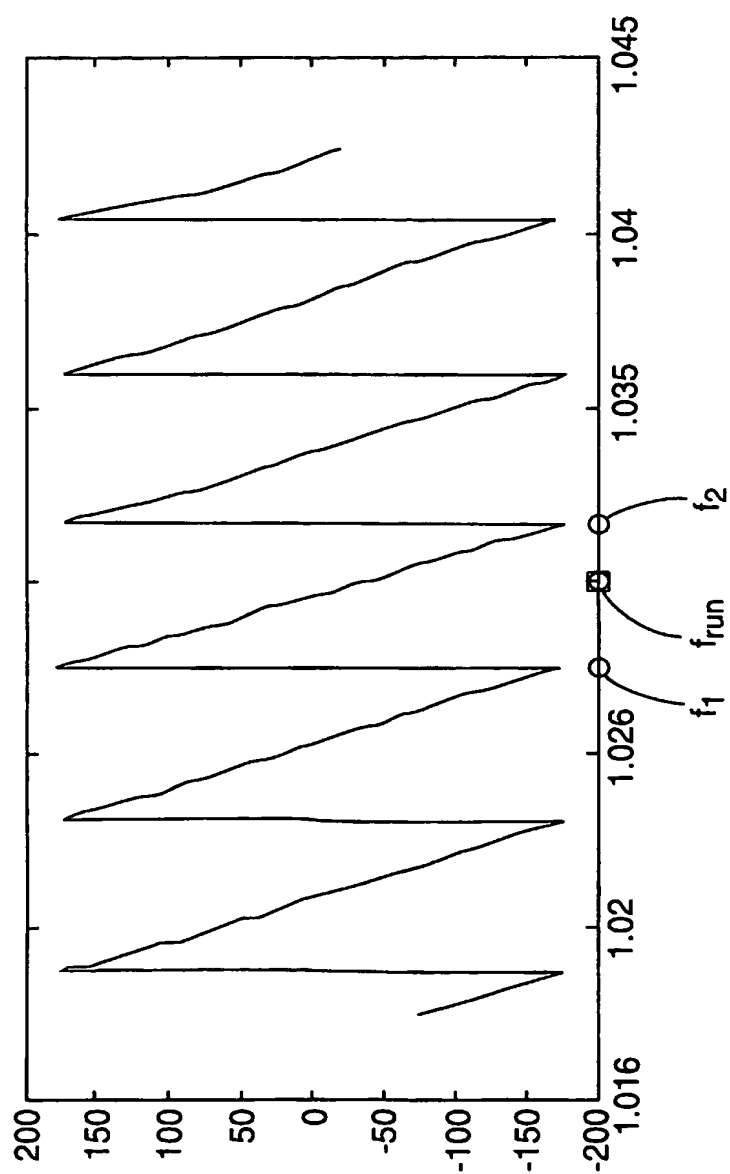
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*Fig. 1**Fig. 2*

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*Fig. 3*

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*Fig. 4*

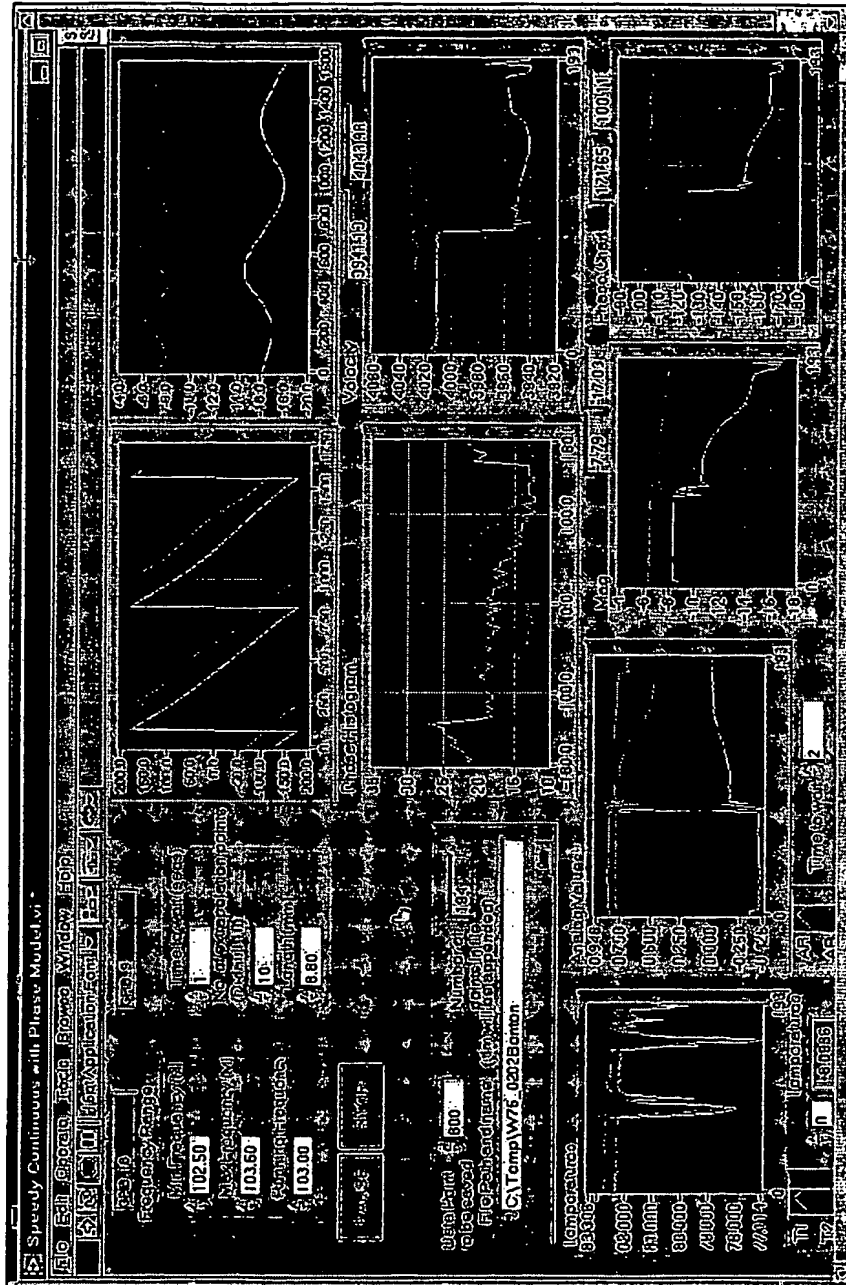
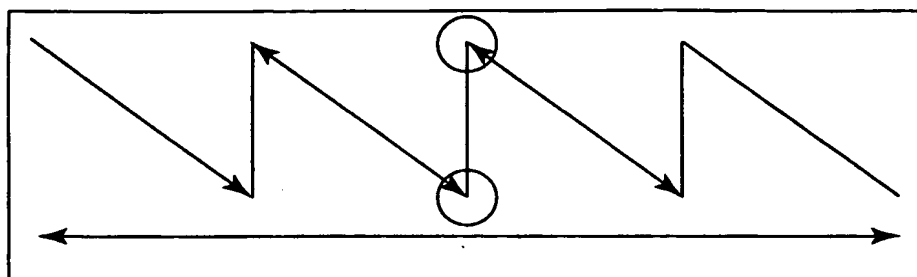
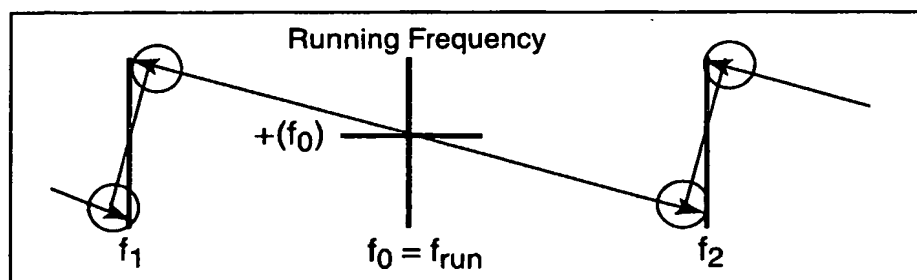
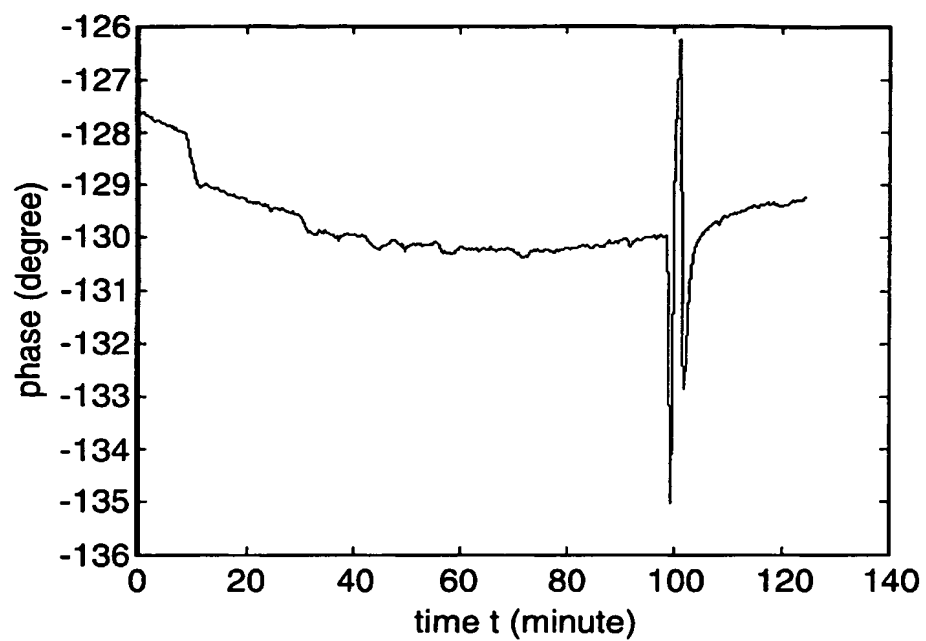
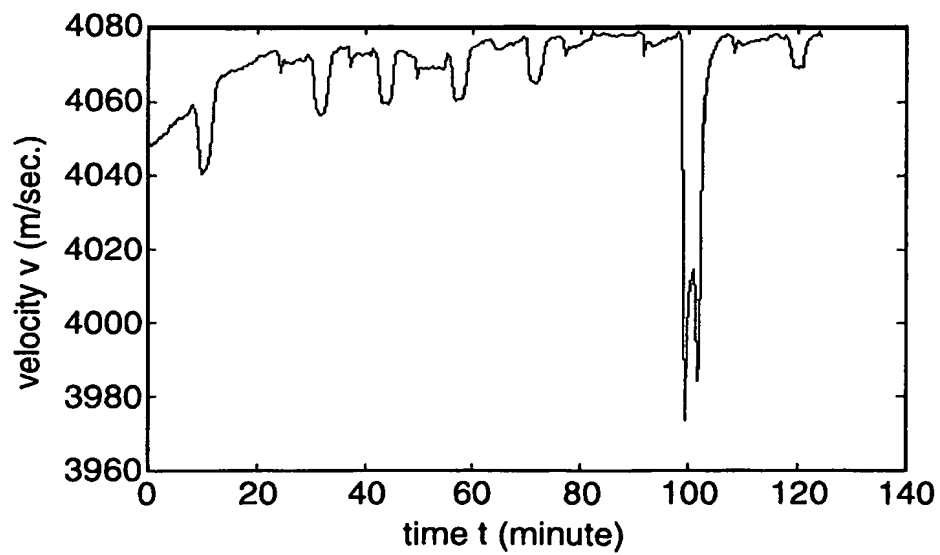


Fig. 5

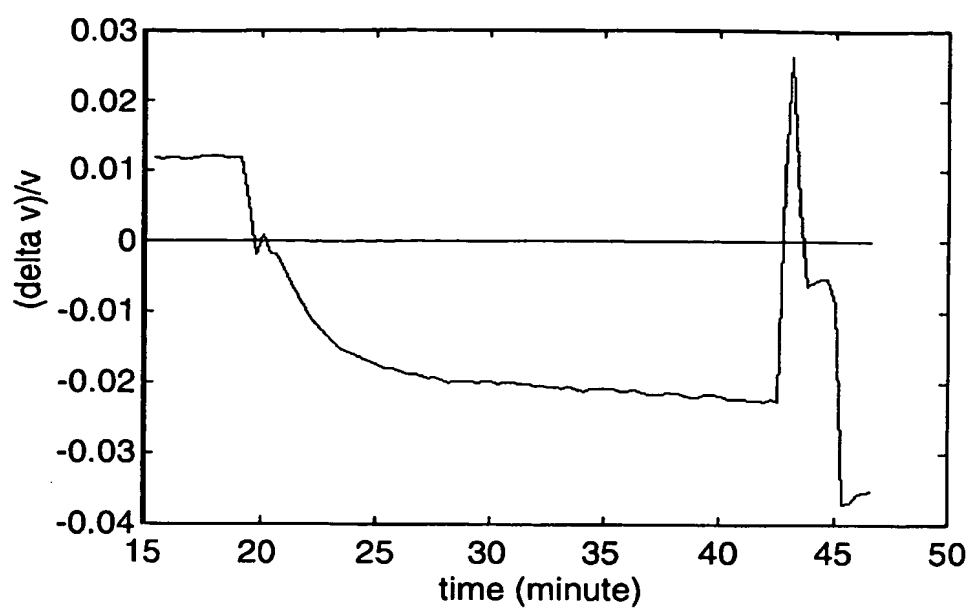
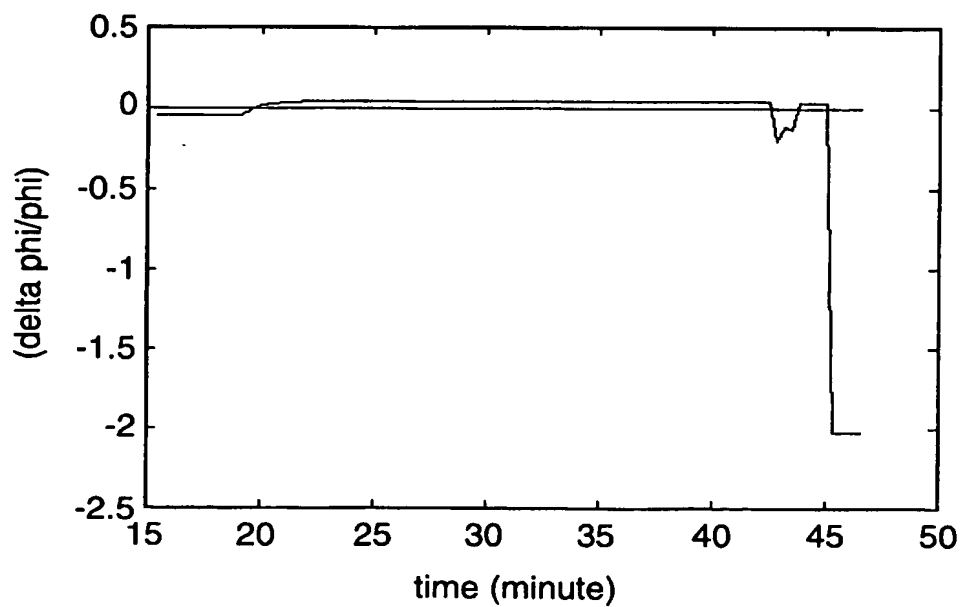
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*Fig. 6**Fig. 7*

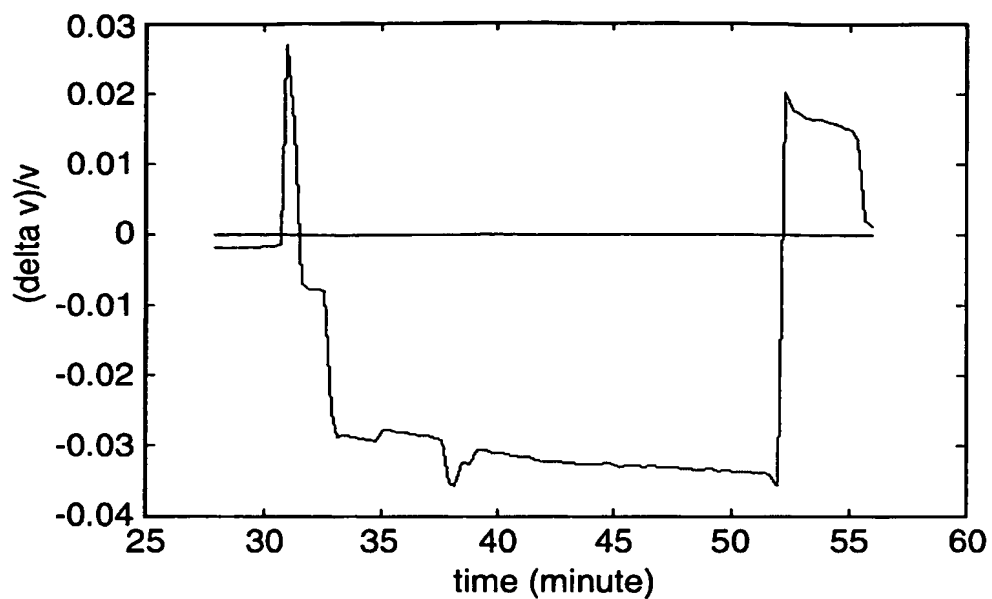
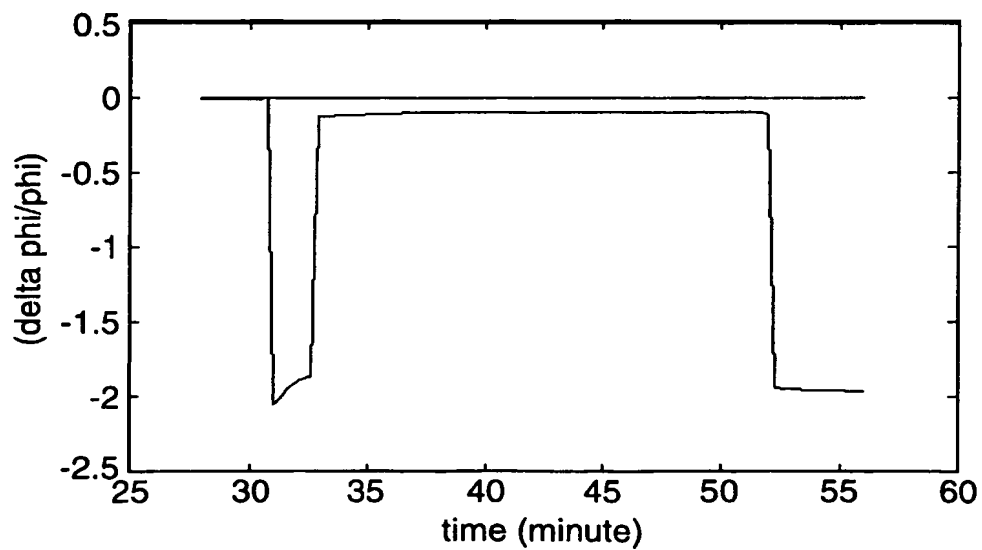
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*Fig. 8**Fig. 9*

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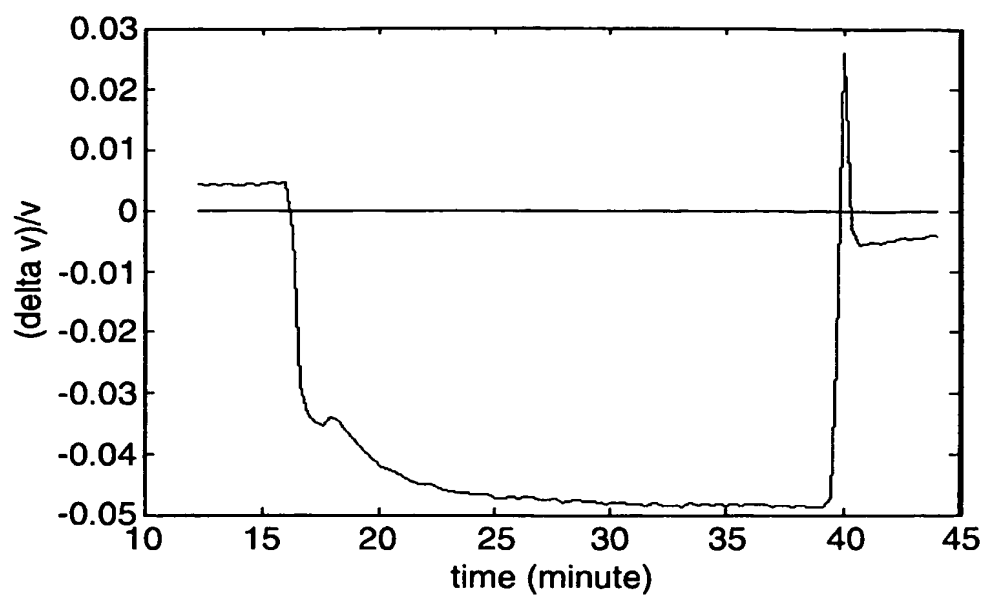
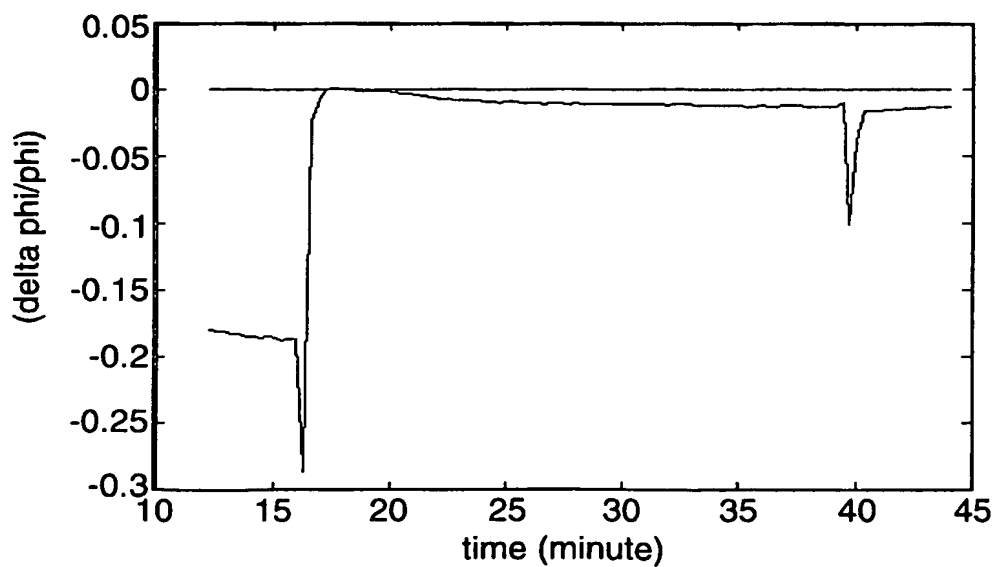
Bacteria Concentration =  $10^3$  Units**Fig. 10**Bacteria Concentration =  $10^3$  Units**Fig. 11**

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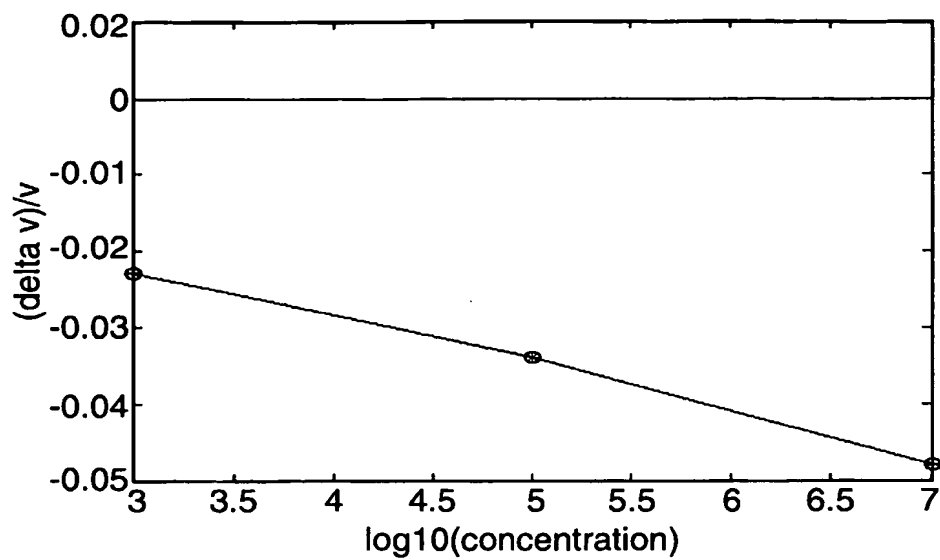
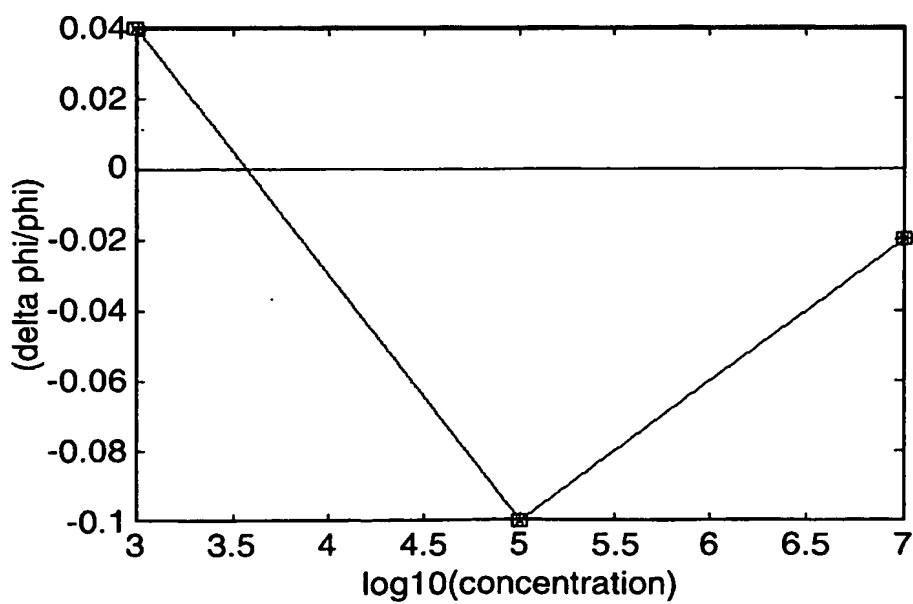
Bacteria Concentration =  $10^5$  Units*Fig. 12*Bacteria Concentration =  $10^5$  Units*Fig. 13*



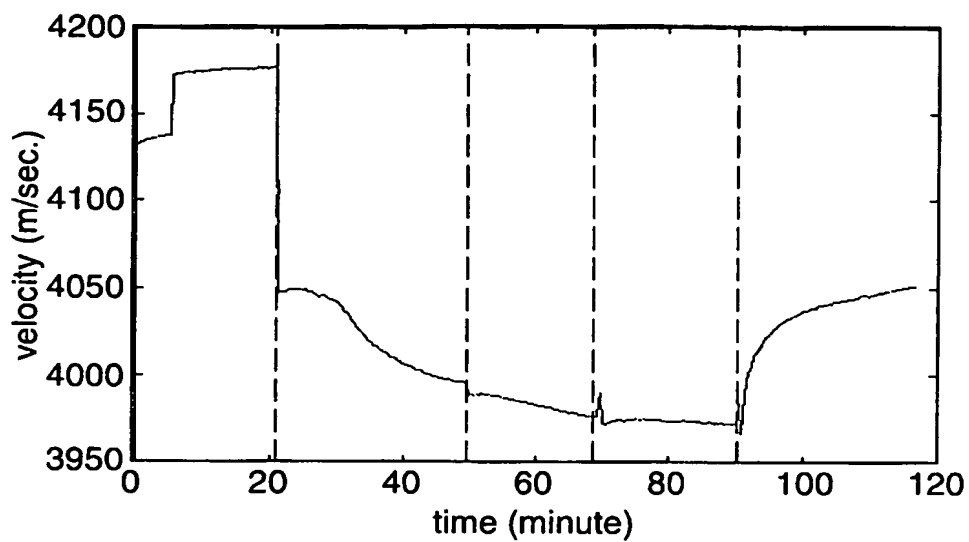
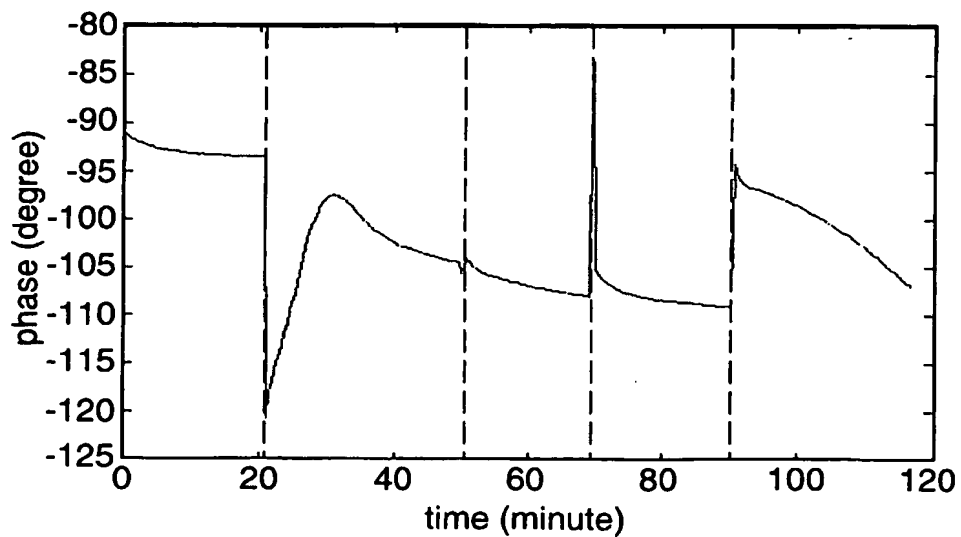
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Bacteria Concentration =  $10^7$  Units*Fig. 14*Bacteria Concentration =  $10^7$  Units*Fig. 15*

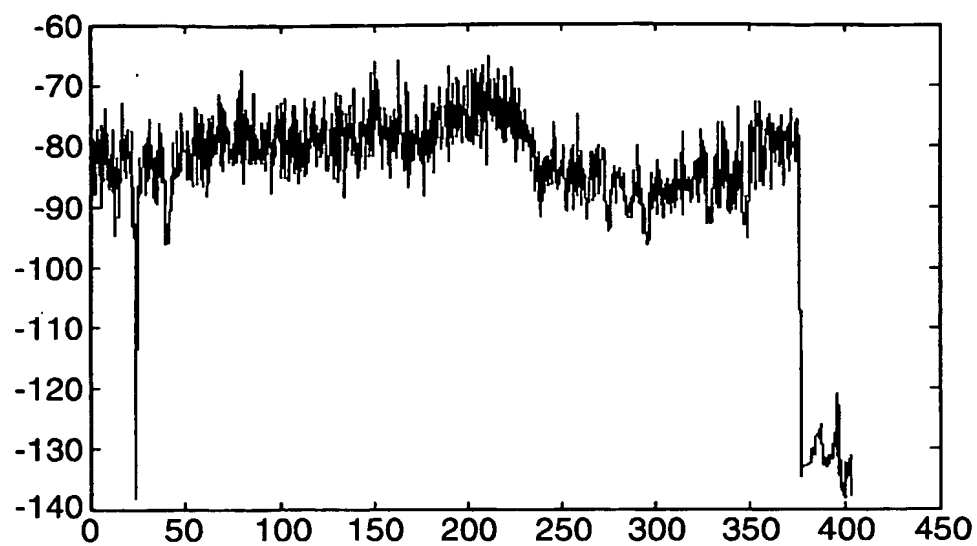
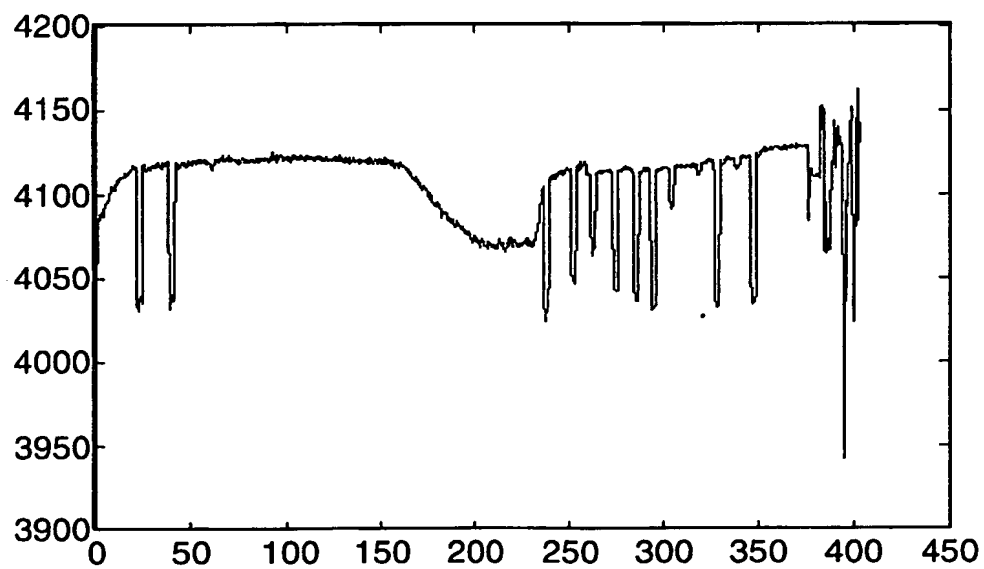
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*Fig. 16**Fig. 17*

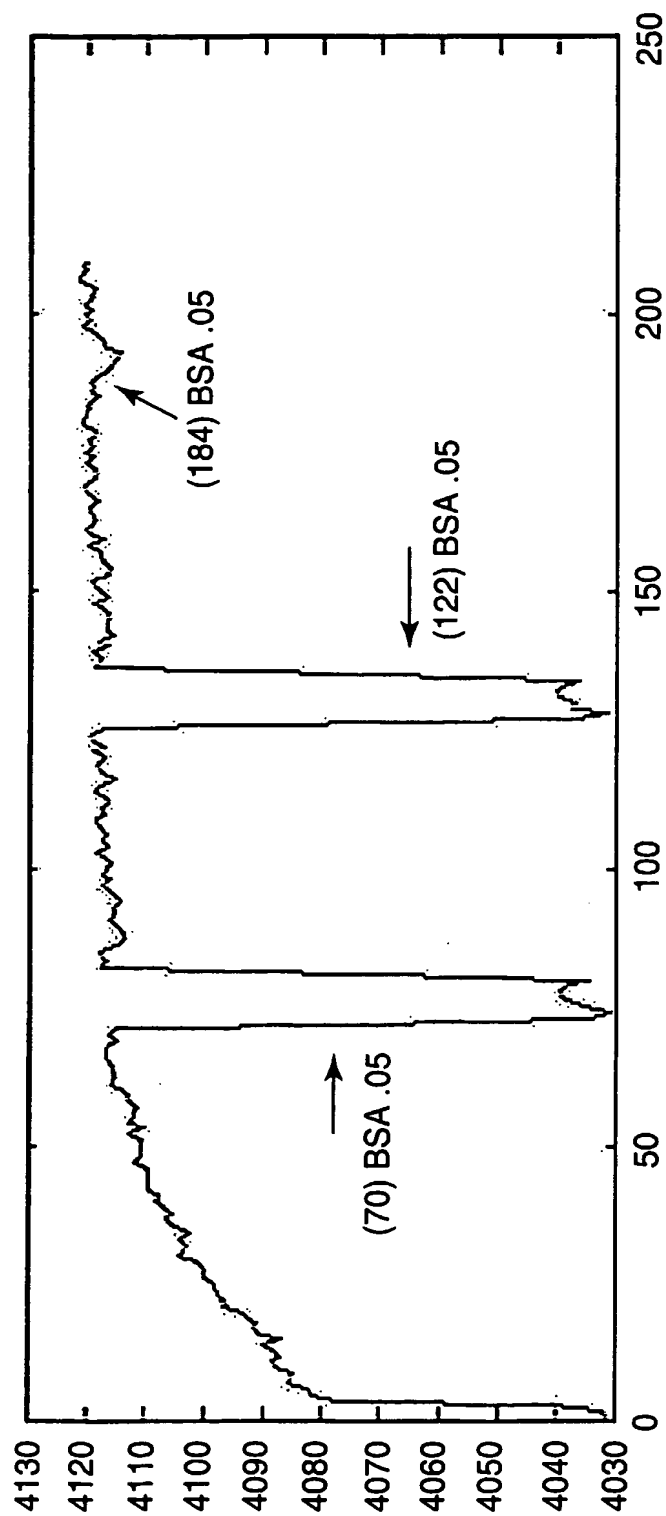
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*Fig. 18**Fig. 19*

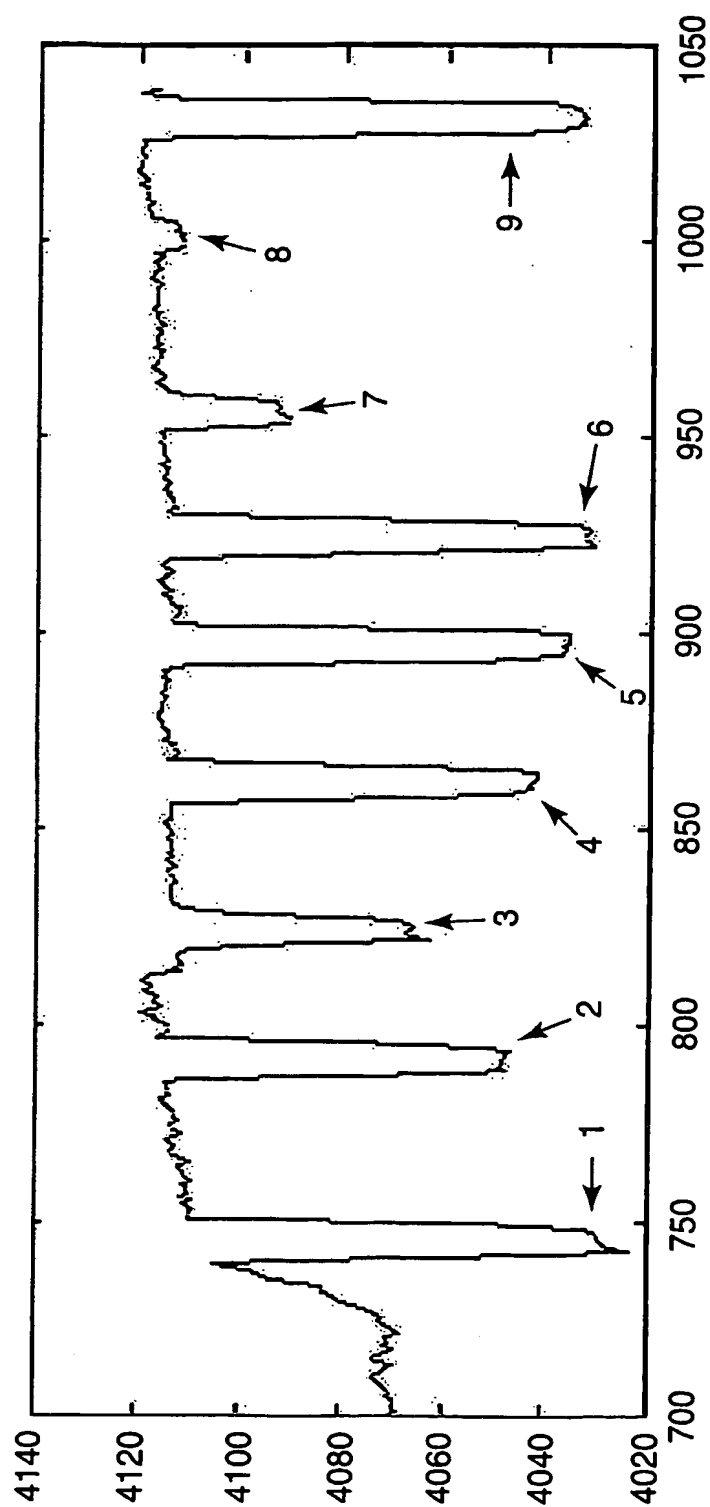
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*Fig. 20**Fig. 21*

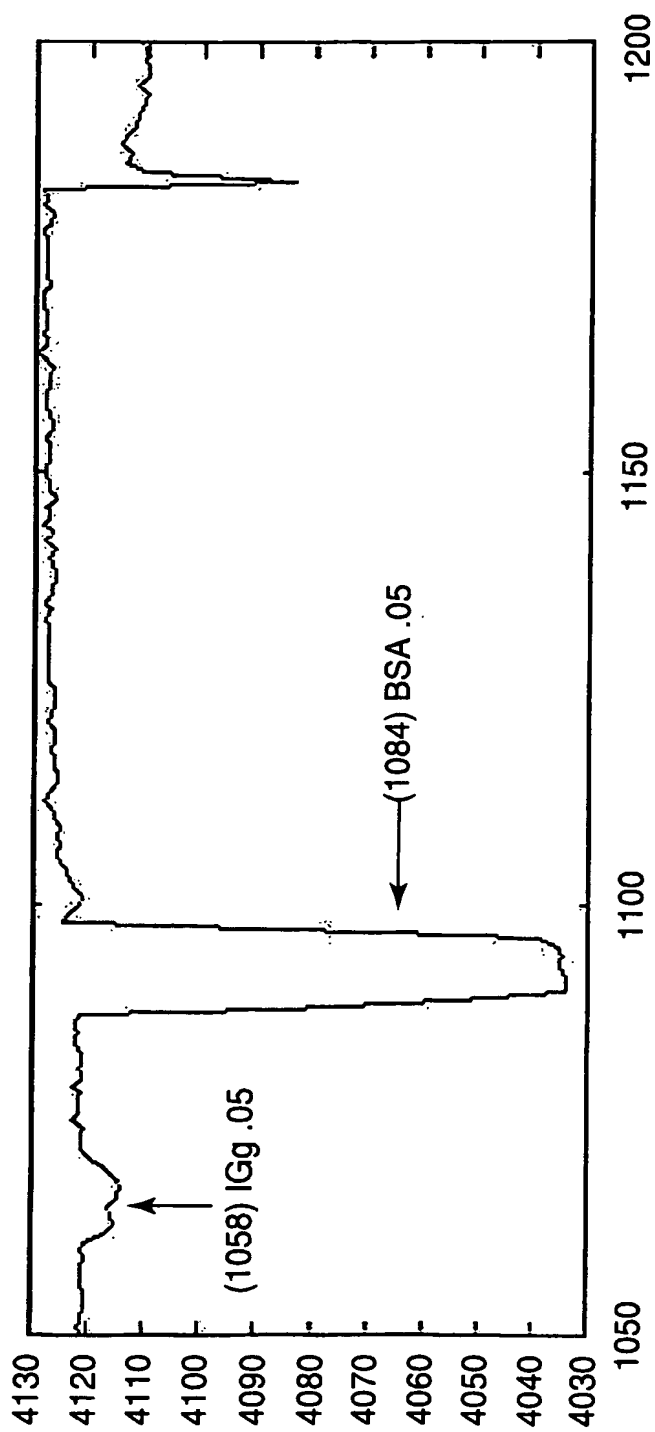
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*Fig. 22*

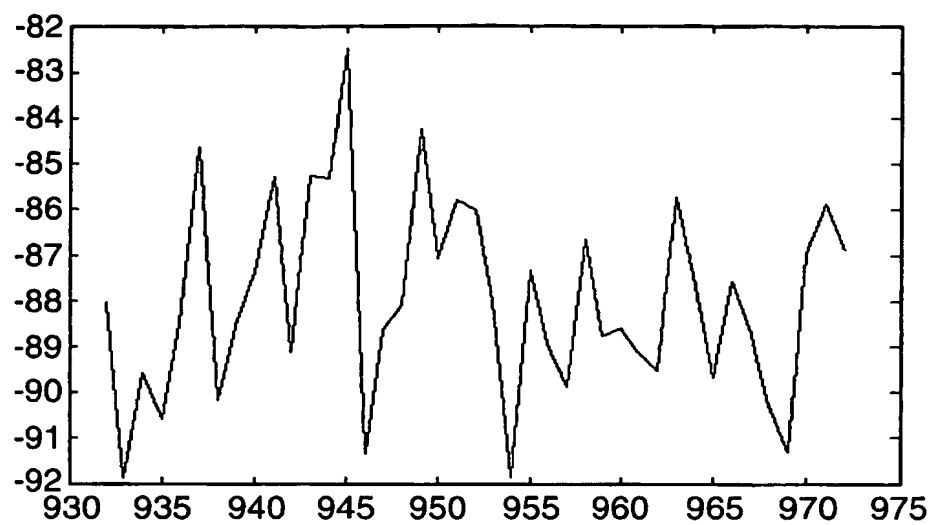
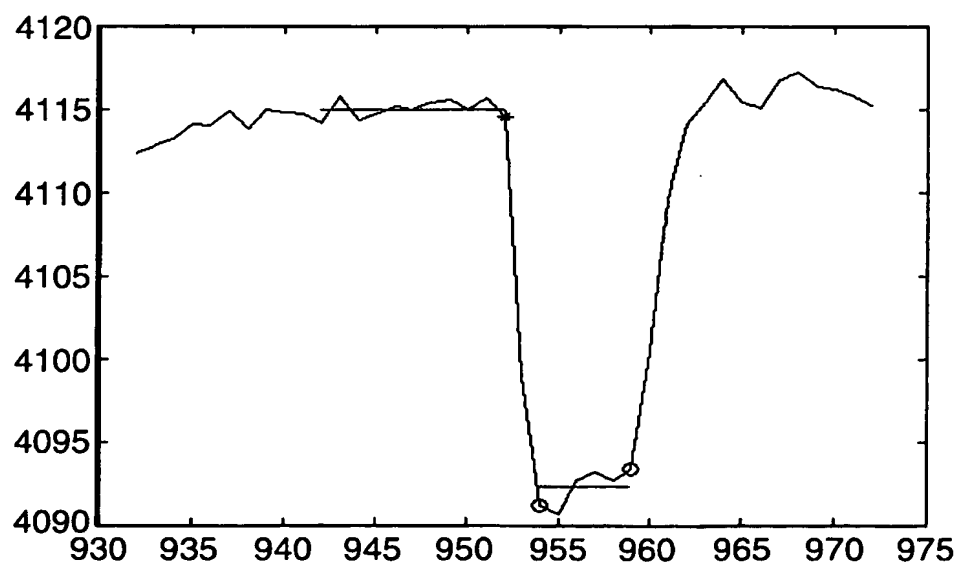
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*Fig. 23*

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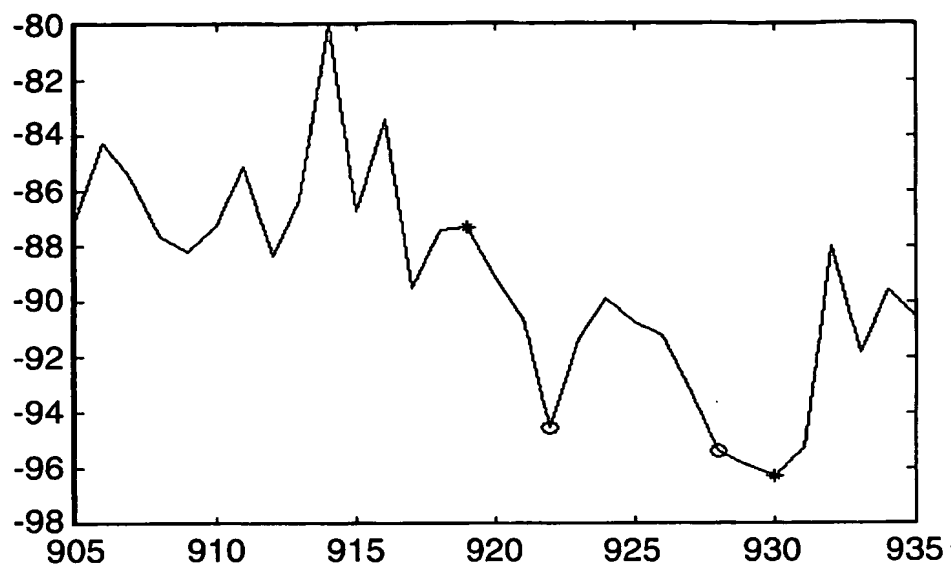
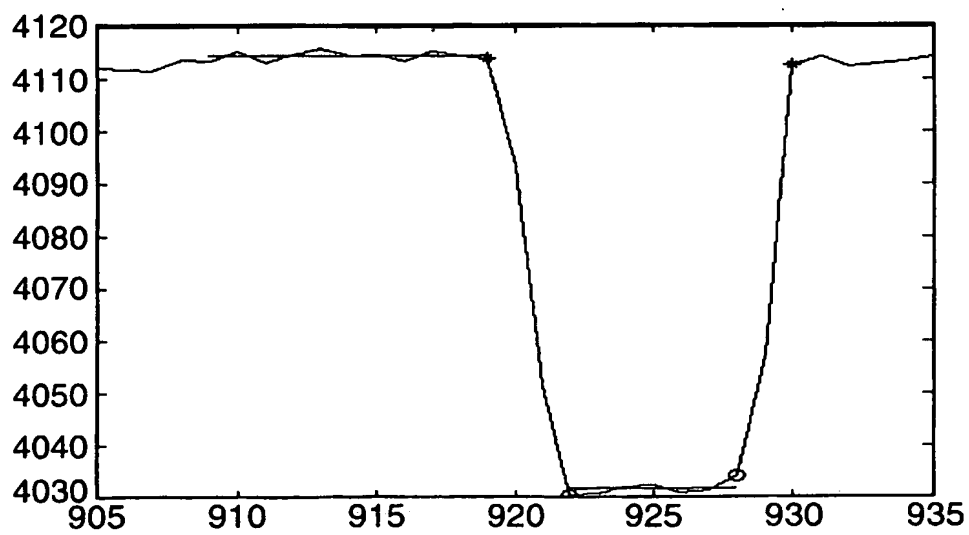
*Fig. 24*

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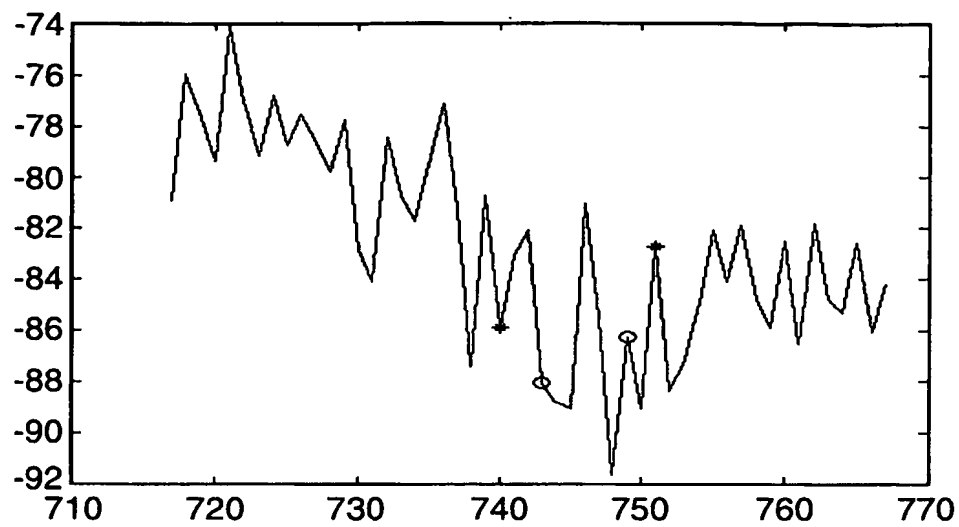
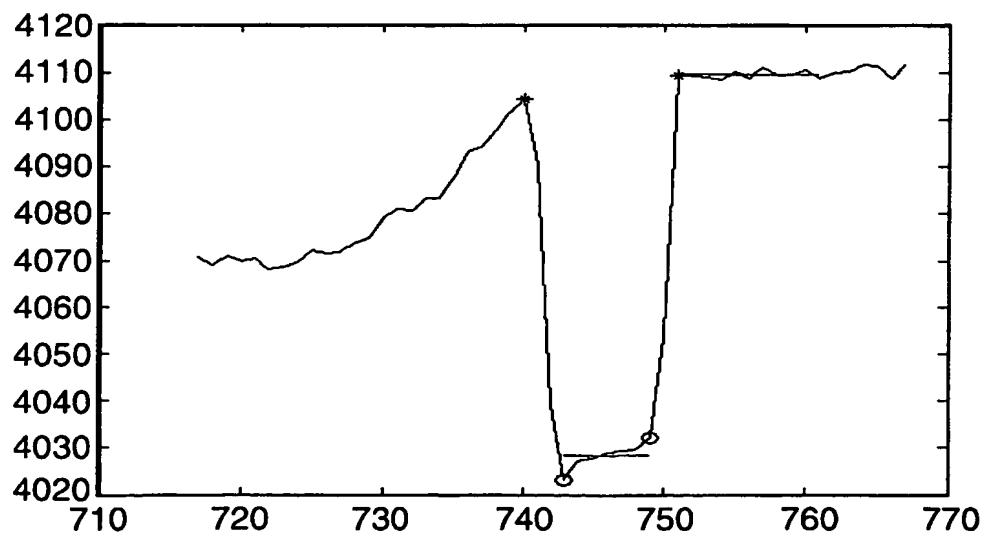
*Fig. 25**Fig. 26*



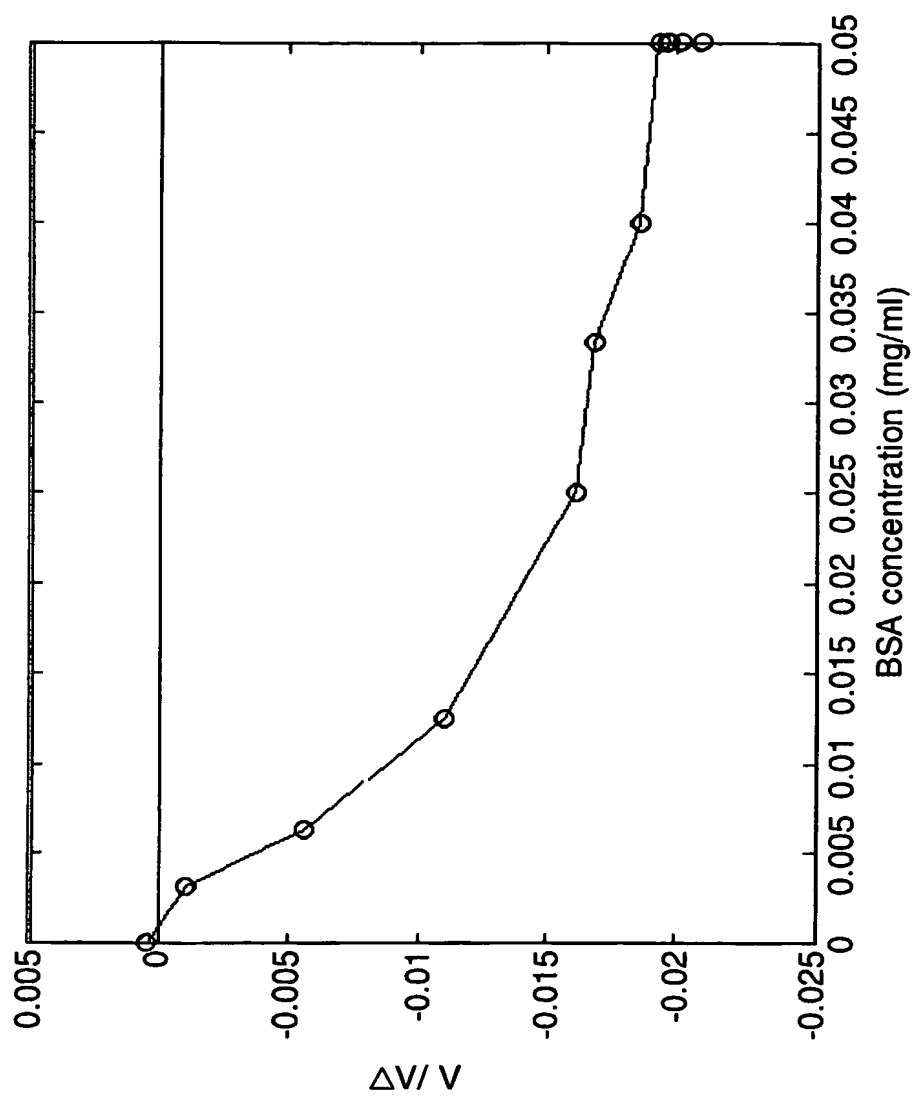
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*Fig. 27**Fig. 28*

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*Fig. 29**Fig. 30*

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*Fig. 31*